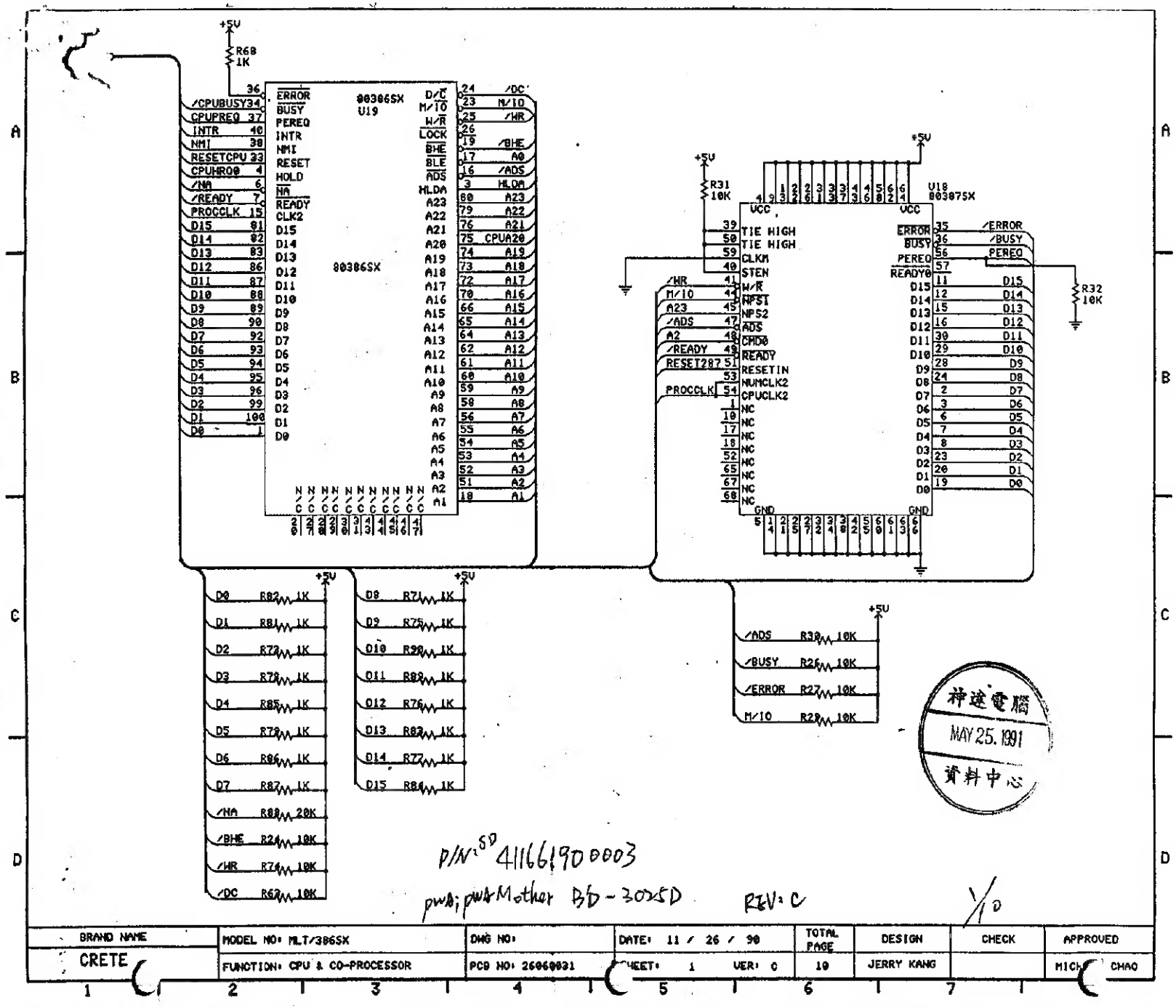
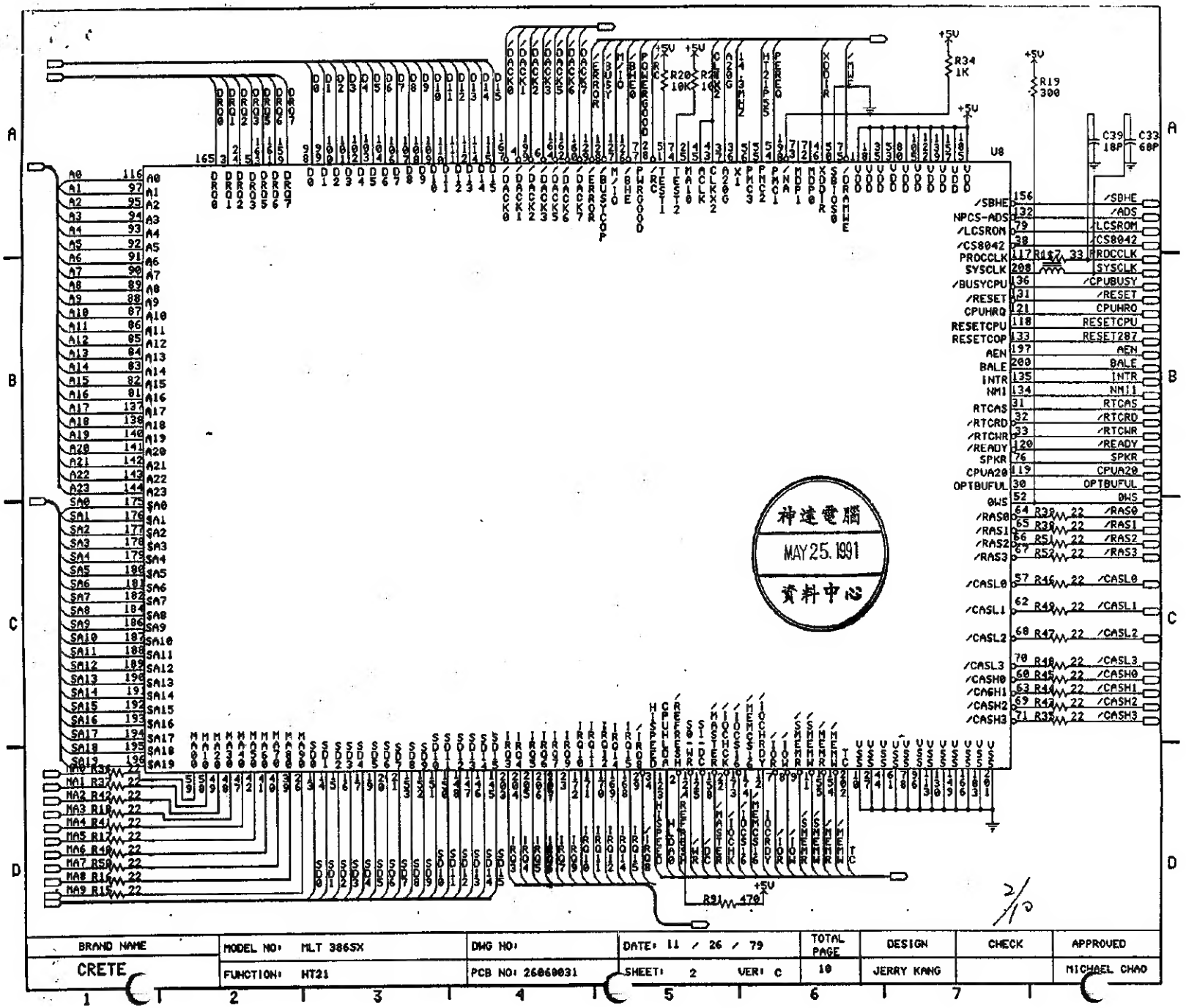
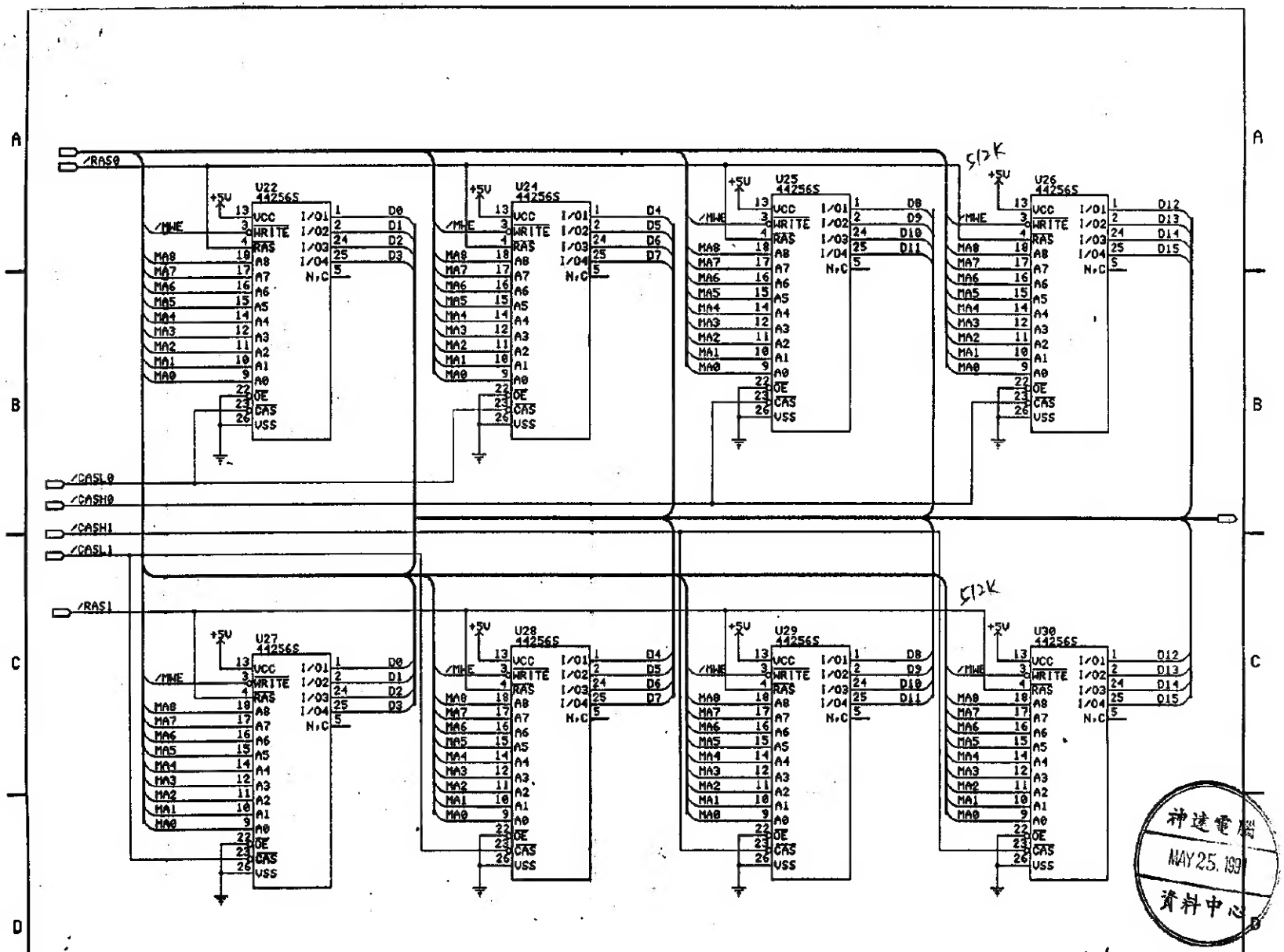

+5V
R68 1K
80386SX U19
80386SX
ERROR
BUSY
PEREQ
INTR
NMI
RESET
HOLD
NA
READY
CLK2
/CPUBUSY34
CPUPREQ 37
INTR 40
NMI 38
RESETCPU 33
CPUHRQ 4
/NA 6
/READY 7
PROCCLK 15
D/C
M/IO
W/R
LOCK
BHE
BLE
ADS
HLDA
A23
A22
A21
A20
A19
A18
A17
A16
A15
A14
A13
A12
A11
A10
A9
A8
A7
A6
A5
A4
A3
A2
A1
/DC
M/IO
/WR
/BHE
A0
/ADS
HLDA
R31 10K
U18 803875X
VCC
TIE HIGH
CLKM
STEN
M/R
RFSI
NPS2
ADS
CMD0
READY
RESETIN
NUMCLK2
CPUCLK2
NC
GND
/ERROR
/BUSY
PEREQ
READY0
R32 10K
/WR
M/IO
A23
/ADS
A2
/READY
RESET287
PROCCLK
D0 R82 1K
D1 R81 1K
D2 R73 1K
D3 R78 1K
D4 R85 1K
D5 R79 1K
D6 R86 1K
D7 R87 1K
/NA R88 20K
/BHE R24 10K
/WR R74 10K
/DC R69 10K
D8 R71 1K
D9 R75 1K
D10 R90 1K
D11 R89 1K
D12 R76 1K
D13 R83 1K
D14 R77 1K
D15 R84 1K
/ADS R30 10K
/BUSY R26 10K
/ERROR R27 10K
M/IO R28 10K
神通電腦
MAY 25. 1991
資料中心
P/N:SD 41166190003
pwb; pwb Mother BD-3025D
REV: C
1/0
BRAND NAME
CRETE
MODEL NO: MLT/386SX
FUNCTION: CPU & CO-PROCESSOR
DWG NO:
PCB NO: 26060031
DATE: 11 / 26 / 90
SHEET: 1
VER: C
TOTAL PAGE
10
DESIGN
JERRY KANG
CHECK
APPROVED
MICH CHAO



BRAND NAME	MODEL NO: MLT 386SX	DWG NO:	DATE: 11 / 26 / 79	TOTAL PAGE	DESIGN	CHECK	APPROVED
CRETE	FUNCTION: HT21	PCB NO: 26060031	SHEET: 2 VER: C	10	JERRY KANG		MICHAEL CHAO



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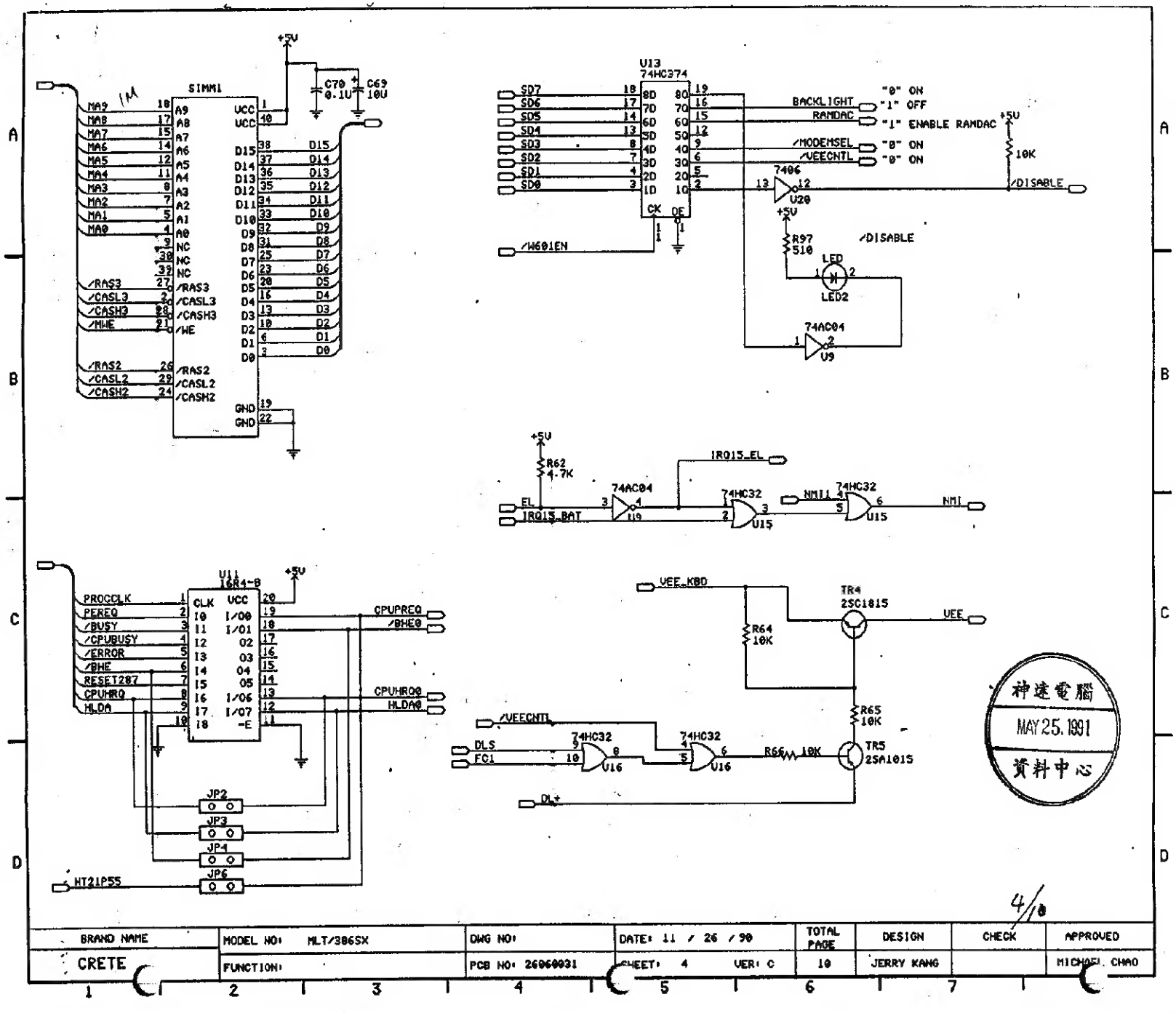
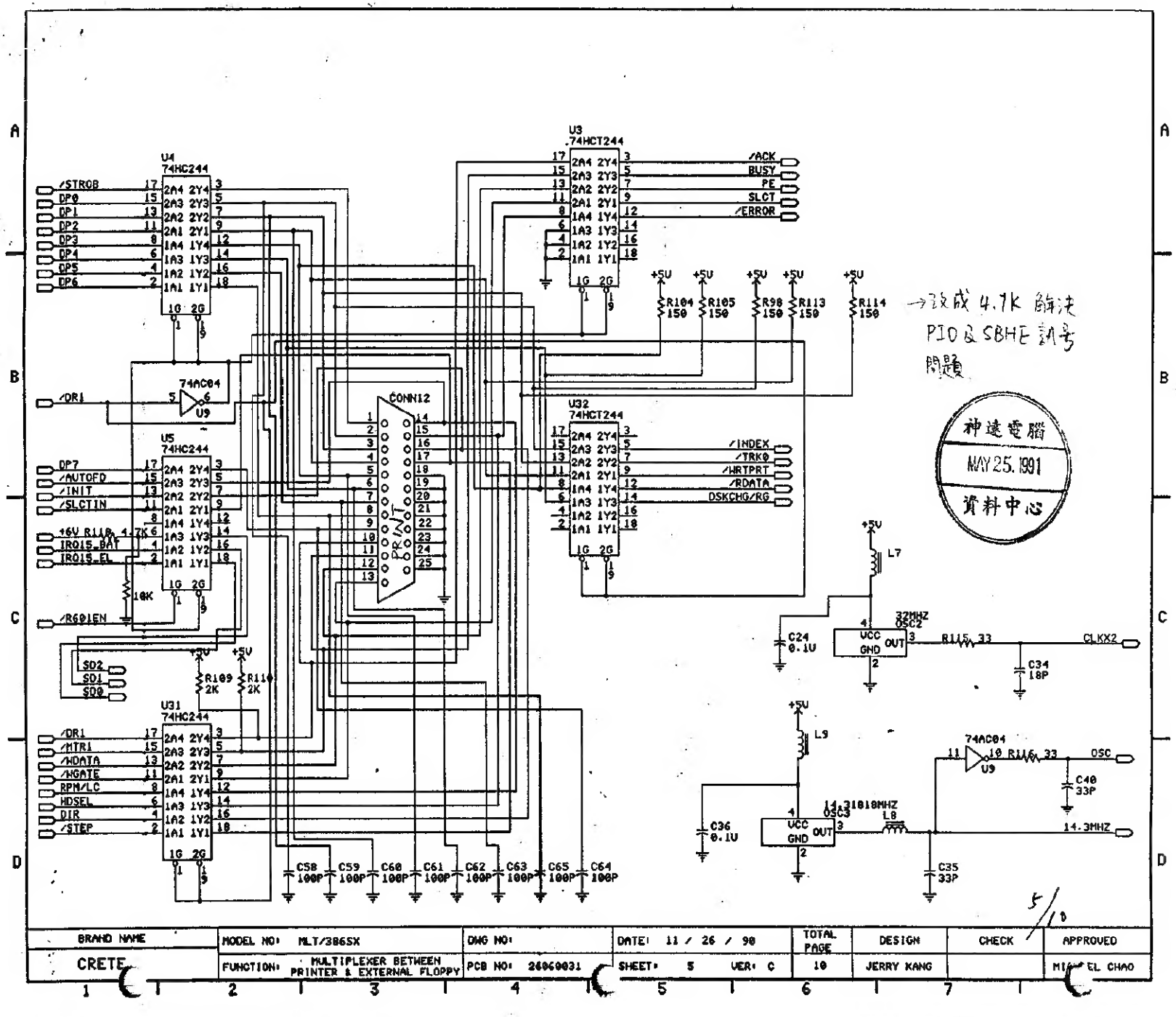
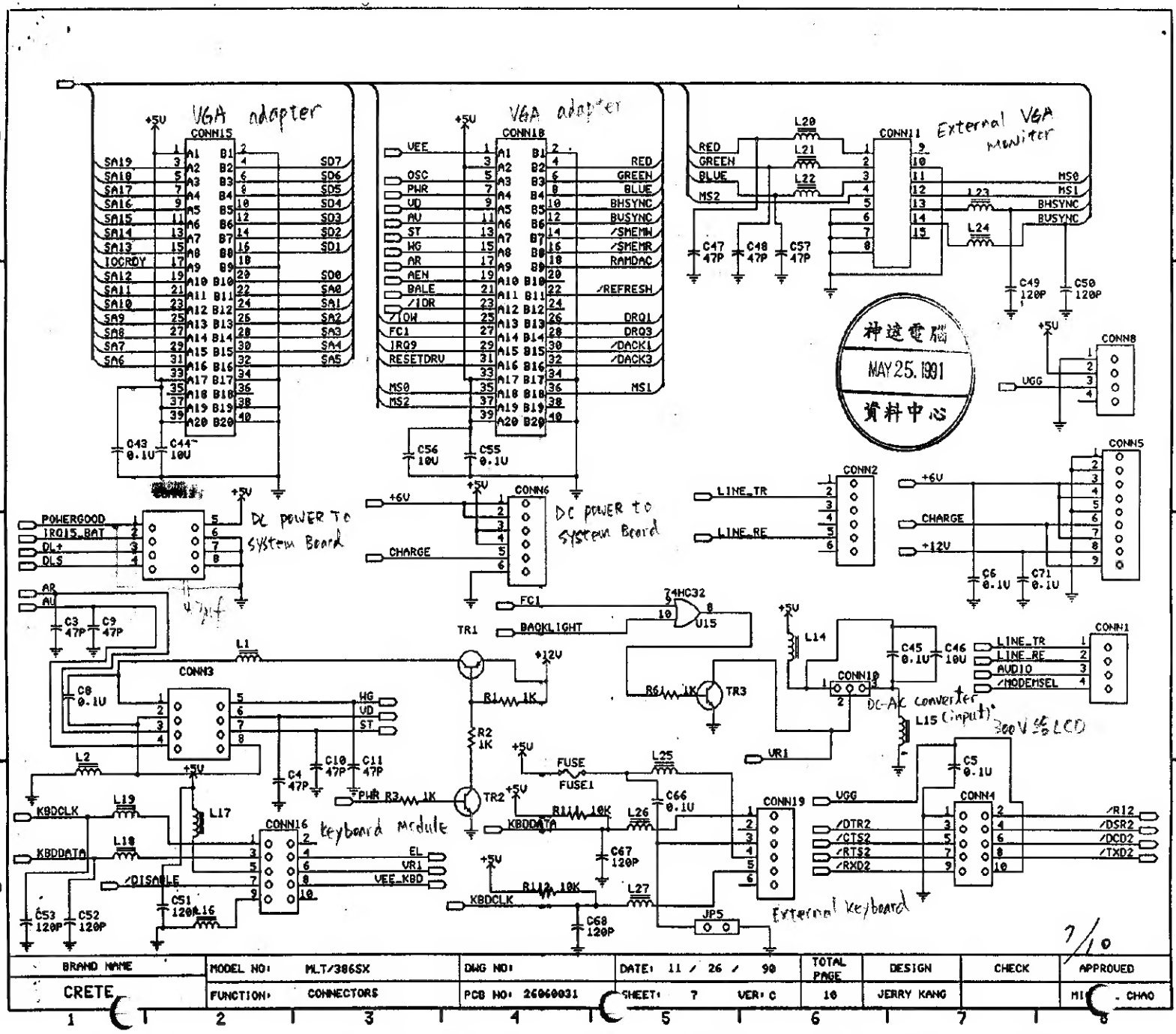
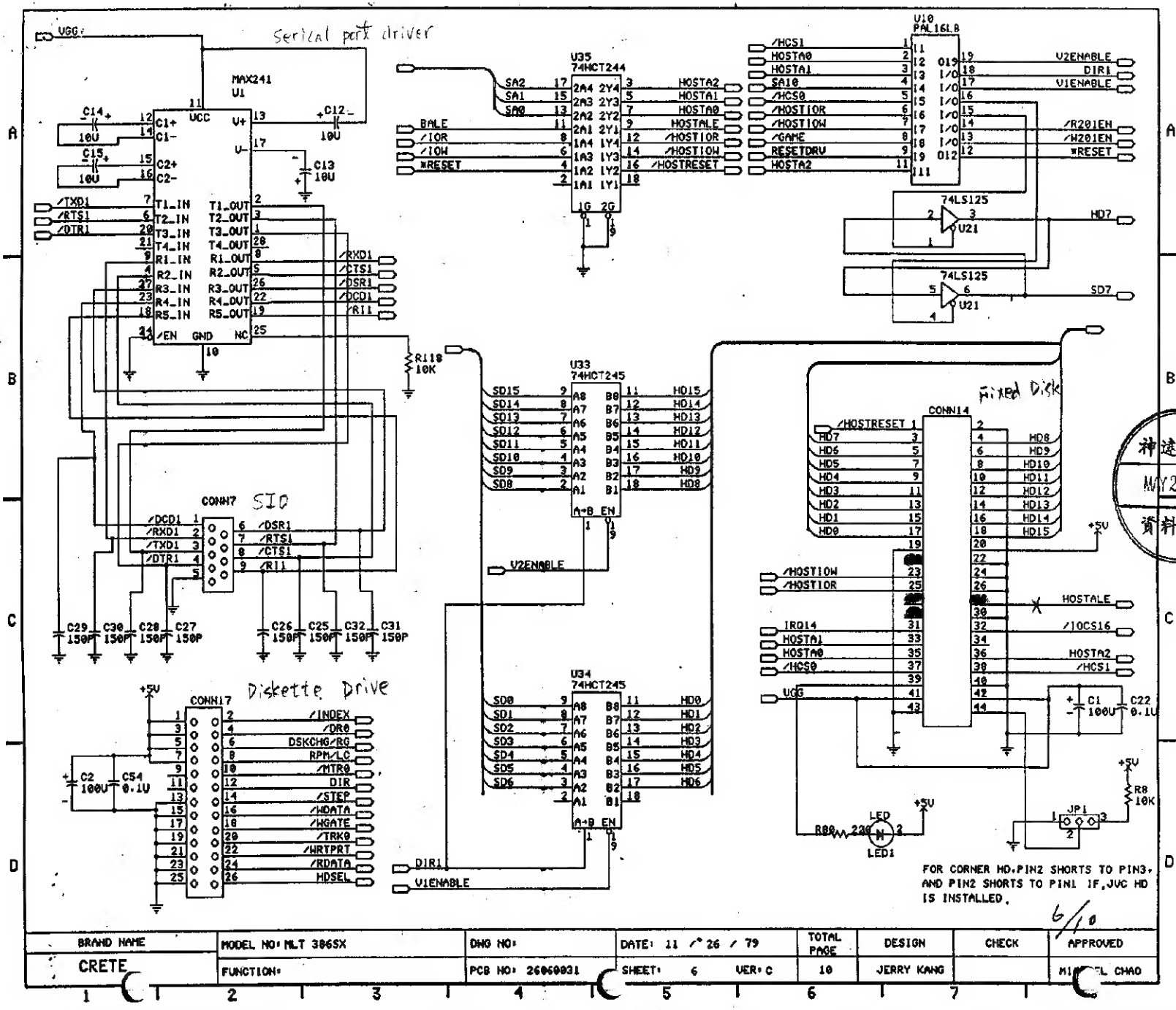
MAY 25. 199
資料中心

BRAND NAME	MODEL NO: MLT/386SX	DWG NO:	DATE: 11 / 26 / 90	TOTAL PAGE	DESIGN	CHECK	APPROVED
CRETE	FUNCTION: ON BOARD MEMORRY	PCB NO: 26060031	SHEET: 3 VER: C	10	JERRY KANG		MICHAEL CHAO


SIMM1
+5V
C70 0.1U
C69 10U
MA9 MA8 MA7 MA6 MA5 MA4 MA3 MA2 MA1 MA0
/RAS3 /CASL3 /CASH3 /WE
/RAS2 /CASL2 /CASH2
D15 D14 D13 D12 D11 D10 D9 D8 D7 D6 D5 D4 D3 D2 D1 D0
GND GND
U13
74HC374
SD7 SD6 SD5 SD4 SD3 SD2 SD1 SD0
/W601EN
BACKLIGHT "0" ON "1" OFF
RAMDAC "1" ENABLE RAMDAC
/MODEMSEL "0" ON
/VEECNTL "0" ON
7406
U20
10K
/DISABLE
R97 510
LED
LED2
74AC04
U9
IRQ15_EL
R62 4.7K
74AC04
74HC32
U19
U15
NMI1
NMI
IRQ15_BAT
U11
16R4-B
PROCCLK PEREQ /BUSY /CPUBUSY /ERROR /BHE RESET287 CPUHRQ HLDA
CPUPREQ
/BHE0
CPUHRQ0
HLDA0
JP2
JP3
JP4
JP6
HT21P55
VEE_KBD
TR4
2SC1815
VEE
R64 10K
R65 10K
R66 10K
TR5
2SA1015
/VEECNTL
DLS
FC1
74HC32
U16
DL+
神速電腦
MAY 25. 1991
資料中心
4/10
BRAND NAME
CRETE
MODEL NO: MLT/386SX
FUNCTION:
DWG NO:
PCB NO: 26060031
DATE: 11 / 26 / 90
SHEET: 4
VER: C
TOTAL PAGE
10
DESIGN
JERRY KANG
CHECK
APPROVED
MICHAEL CHAO


U4
74HC244
/STROB
DP0
DP1
DP2
DP3
DP4
DP5
DP6
U3
74HCT244
/ACK
BUSY
PE
SLCT
/ERROR
R104 150
R105 150
R98 150
R113 150
R114 150
→改成 4.7K 解決
PIO & SBHE 訊号
問題
神速電腦
MAY 25. 1991
資料中心
74AC04
U9
/DRI
CONN12
PRINT
U32
74HCT244
/INDEX
/TRK0
/WRTPRT
/RDATA
DSKCHG/RG
U5
74HC244
DP7
/AUTOFD
/INIT
/SLCTIN
+6V R118 4.7K
IRQ15_BAT
IRQ15_EL
10K
/RGDLEN
SD2
SD1
SD0
R109 2K
R110 2K
U31
74HC244
/DRI
/MTRI
/WDATA
/WGATE
RPM/LC
WDSEL
DIR
/STEP
C58 100P
C59 100P
C60 100P
C61 100P
C62 100P
C63 100P
C65 100P
C64 100P
L7
32MHZ
OSC2
VCC
GND
OUT
C24 0.1U
R115 33
CLKX2
C34 18P
L9
74AC04
U9
R116 33
OSC
C40 33P
14.31818MHZ
OSC3
L8
14.3MHZ
C36 0.1U
C35 33P
5/10
BRAND NAME
CRETE
MODEL NO: MLT/386SX
FUNCTION: MULTIPLEXER BETWEEN PRINTER & EXTERNAL FLOPPY
DWG NO:
PCB NO: 26060031
DATE: 11 / 26 / 90
SHEET: 5 VER: C
TOTAL PAGE
10
DESIGN
JERRY KANG
CHECK
APPROVED
MICHAEL CHAO

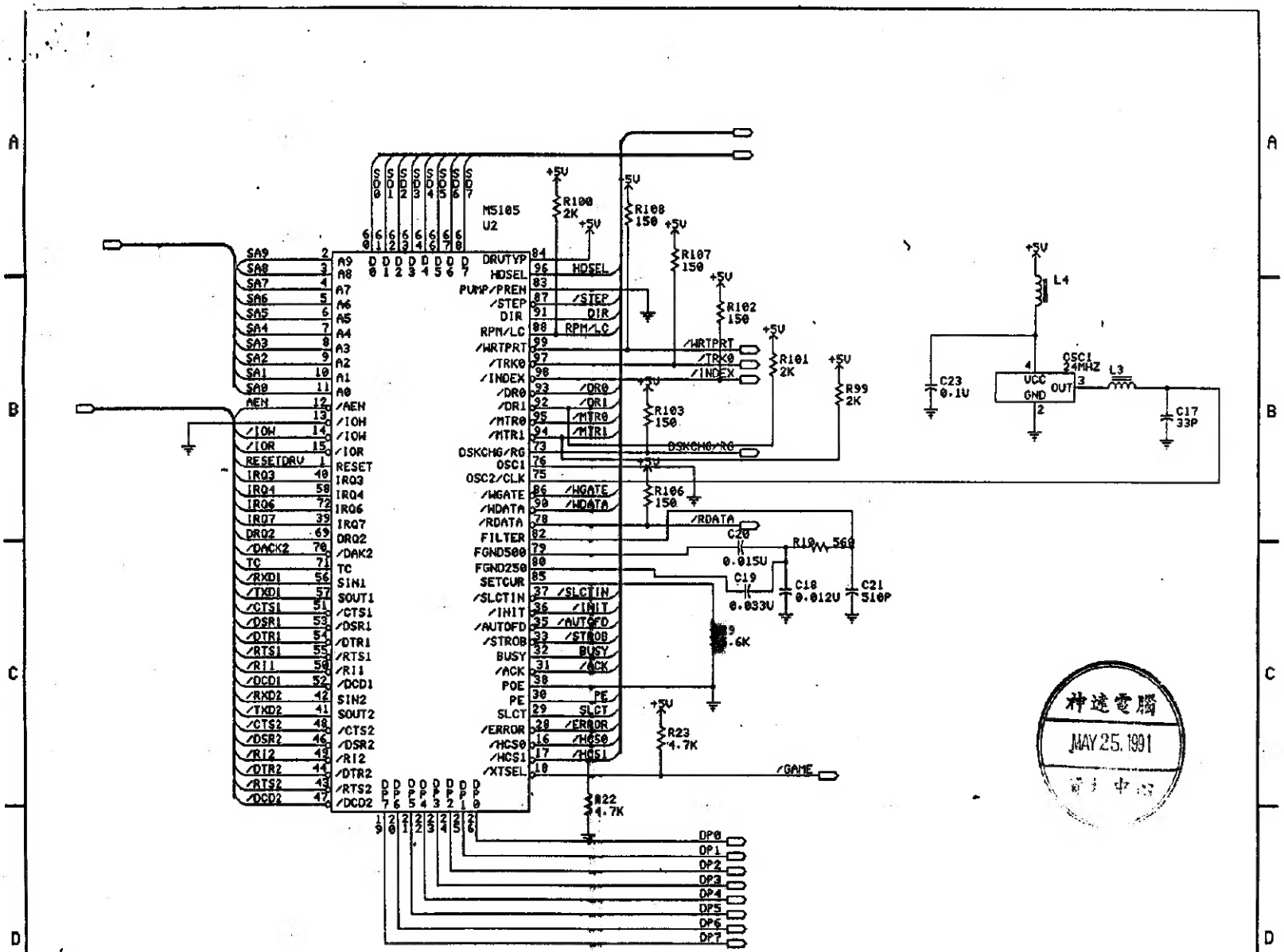

VGA adapter
CONN15
VGA adapter
CONN18
External VGA monitor
CONN11
神通電腦
MAY 25. 1991
資料中心
CONN8
DC-DC inverter input from AC adapter
CONN5
DC power to System Board
CONN6
CONN2
LINE_TR
LINE_RE
CHARGE
+6V
+12V
POWERGOOD
IRQ15_BAT
DL+
DL-
74HC32
U15
BACKLIGHT
TR1
TR3
TR2
CONN3
CONN10
DC-AC converter
L15 (Input) 300V for LCD
CONN1
AUDIO
/MODEMSEL
VR1
FUSE
FUSE1
KBDCLK
KBDDATA
/DISABLE
CONN16
keyboard module
CONN19
External keyboard
CONN4
/DTR2
/CTS2
/RTS2
/RXD2
/DSR2
/DCD2
/TXD2
/R12
/TXD2
JP5
BRAND NAME
CRETE
MODEL NO: MLT/386SX
FUNCTION: CONNECTORS
DWG NO:
PCB NO: 26060031
DATE: 11 / 26 / 90
SHEET: 7
VER: C
TOTAL PAGE
10
DESIGN
JERRY KANG
CHECK
APPROVED
MI . CHAO



神通電腦
MAY 25 1991
資料中心

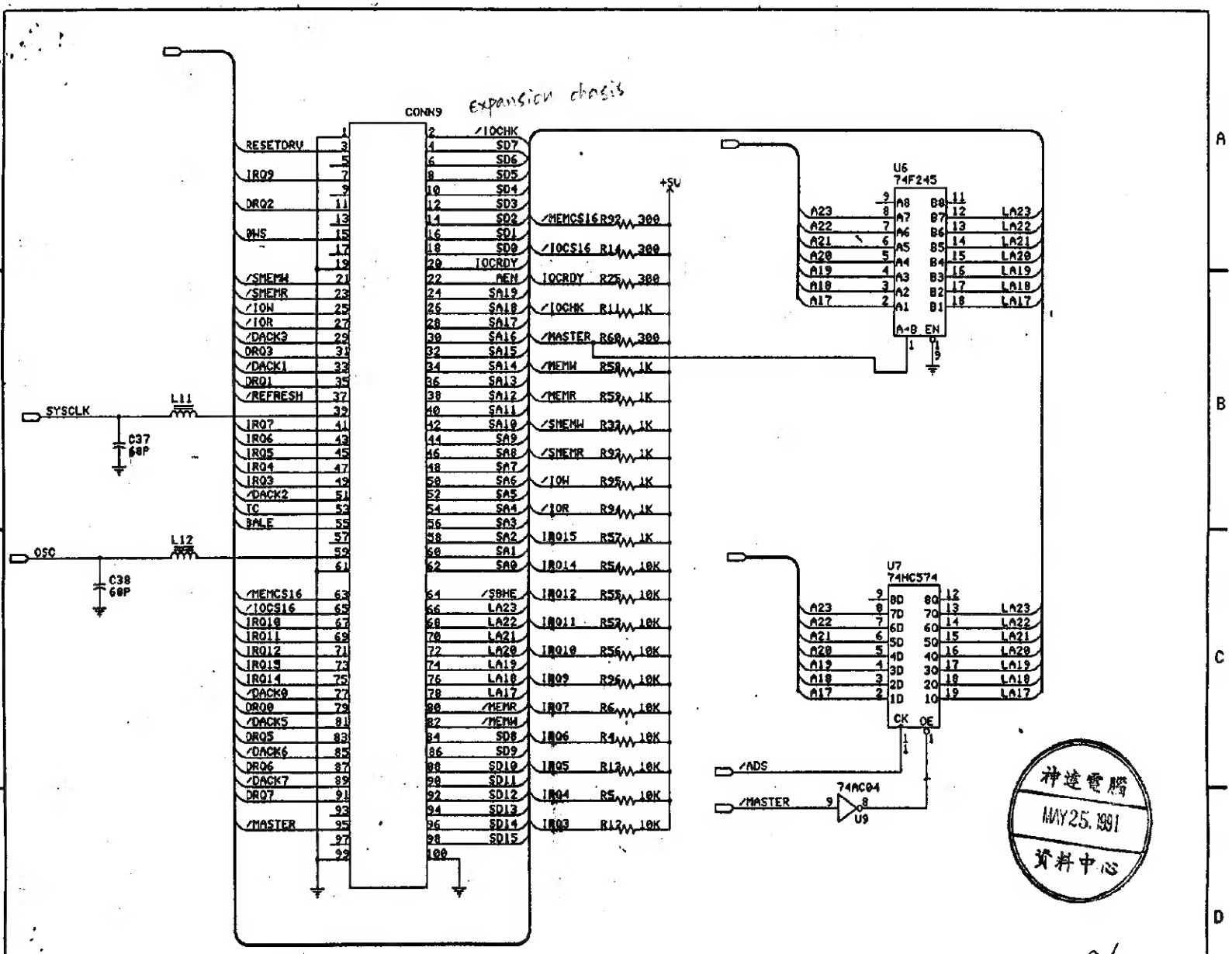
BRAND NAME	MODEL NO: MLT 386SX	DWG NO:	DATE: 11 / 26 / 79	TOTAL PAGE	DESIGN	CHECK	APPROVED
CRETE	FUNCTION:	PCB NO: 26060031	SHEET: 6 VER: C	10	JERRY KANG		MICHAEL CHAO

6/10

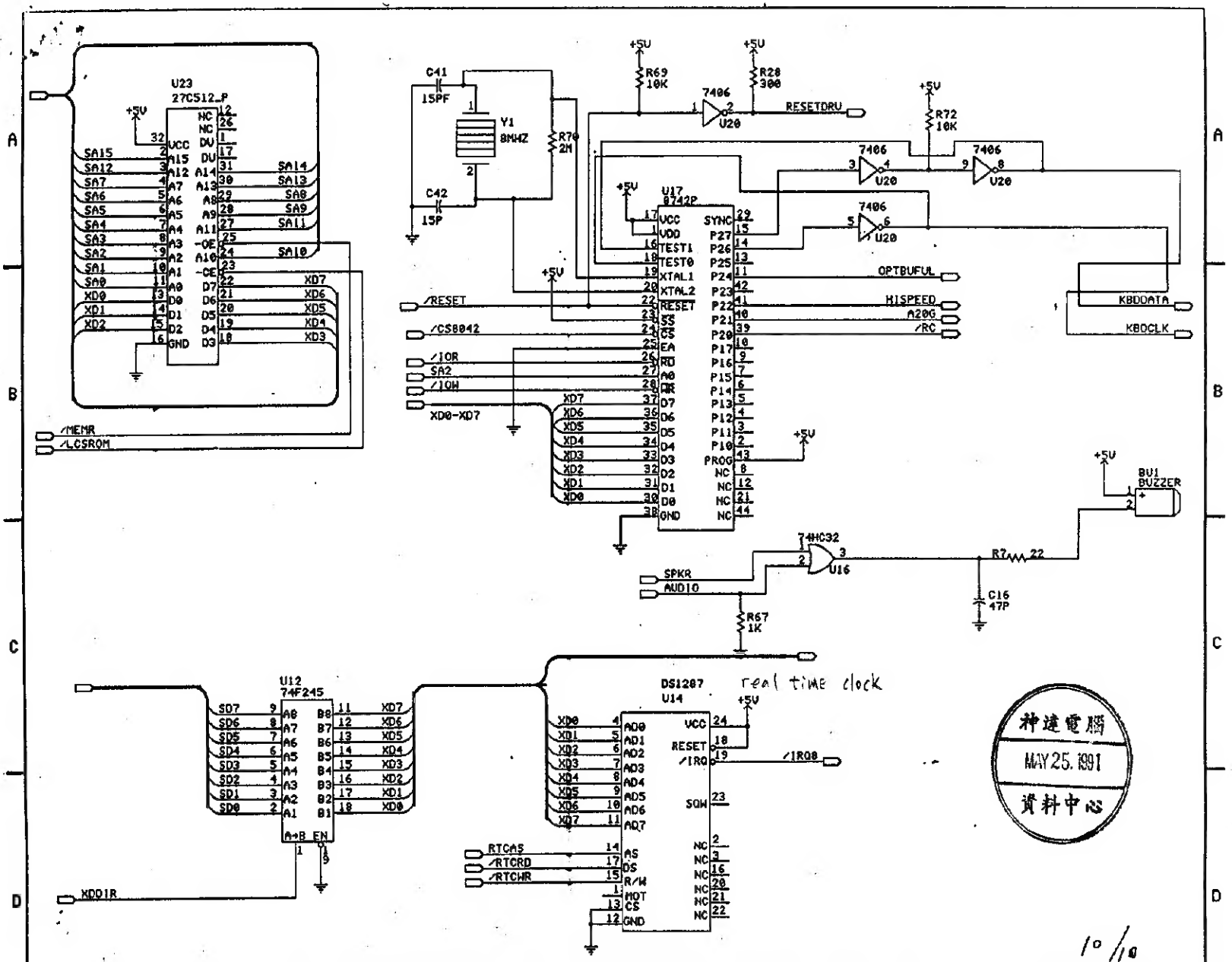

M5105
U2
SD0 SD1 SD2 SD3 SD4 SD5 SD6 SD7
SA9 SA8 SA7 SA6 SA5 SA4 SA3 SA2 SA1 SA0 AEN /IOW /IOR RESETDRV IRQ3 IRQ4 IRQ6 IRQ7 DRQ2 /DACK2 TC /RXD1 /TXD1 /CTS1 /DSR1 /DTR1 /RTS1 /RI1 /DCD1 /RXD2 /TXD2 /CTS2 /DSR2 /RI2 /DTR2 /RTS2 /DCD2
A9 A8 A7 A6 A5 A4 A3 A2 A1 A0 /AEN /IOH /IOW /IOR RESET IRQ3 IRQ4 IRQ6 IRQ7 DRQ2 /DAK2 TC SIN1 SOUT1 /CTS1 /DSR1 /DTR1 /RTS1 /RI1 /DCD1 SIN2 SOUT2 /CTS2 /DSR2 /RI2 /DTR2 /RTS2 /DCD2
DRVTYP HDSEL PWP/PREN /STEP DIR RPM/LC /WRTPRT /TRK0 /INDEX /DR0 /DR1 /MTR0 /MTR1 DSKCHG/RG OSC1 OSC2/CLK /WGATE /WDATA /RDATA FILTER FGND500 FGND250 SETCUR /SLCTIN /INIT /AUTOFD /STROB BUSY /ACK POE PE SLCT /ERROR /HCS0 /HCS1 /XTSEL
DP0 DP1 DP2 DP3 DP4 DP5 DP6 DP7
R100 2K
R108 150
R107 150
R102 150
R101 2K
R99 2K
R103 150
R106 150
R23 4.7K
R22 4.7K
R19 560
C20 0.015U
C19 0.033U
C18 0.012U
C21 510P
C23 0.1U
L4
OSC1 24MHZ
L3
C17 33P
+5V
/GAME
神速電腦
MAY 25. 1991

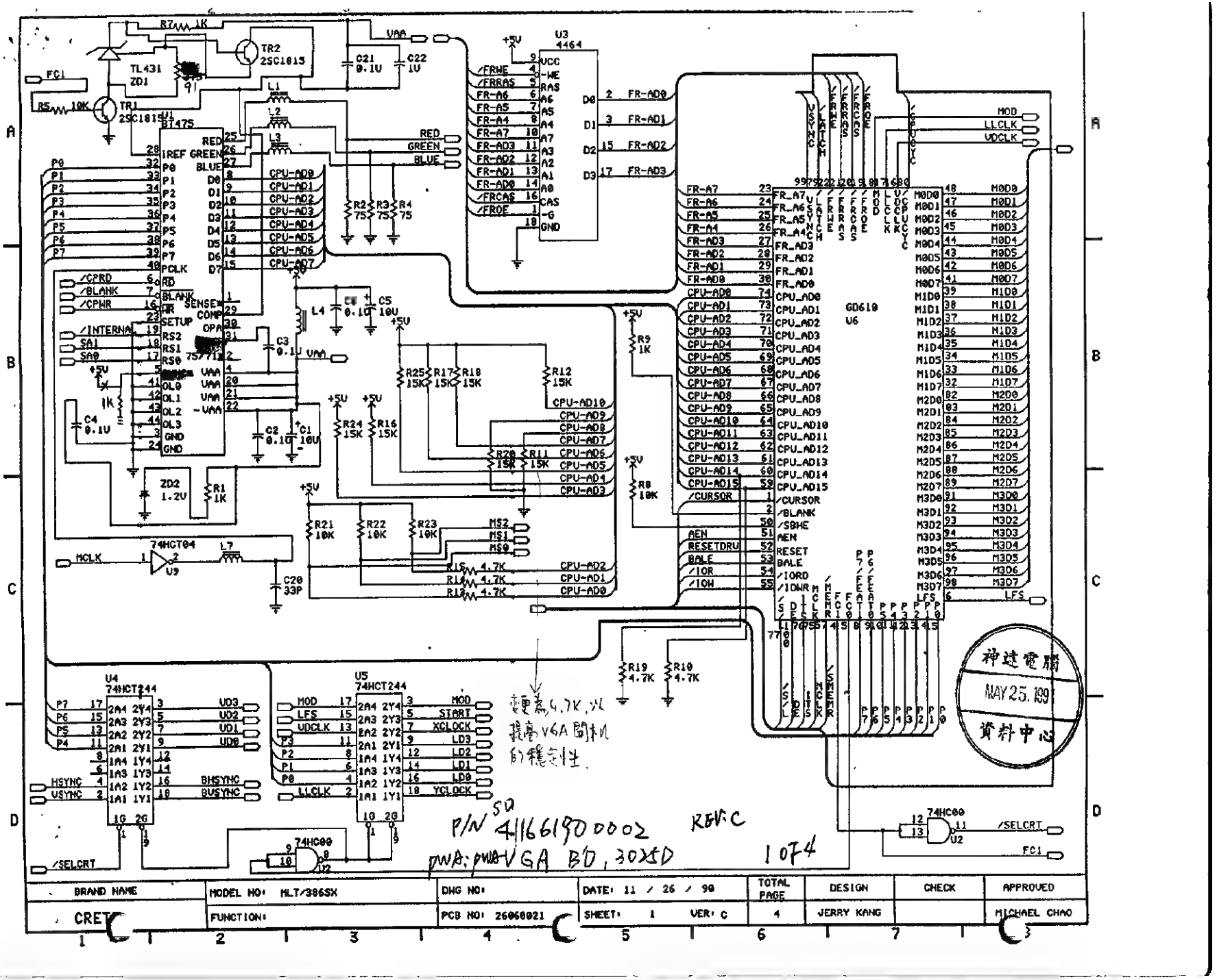
8/10

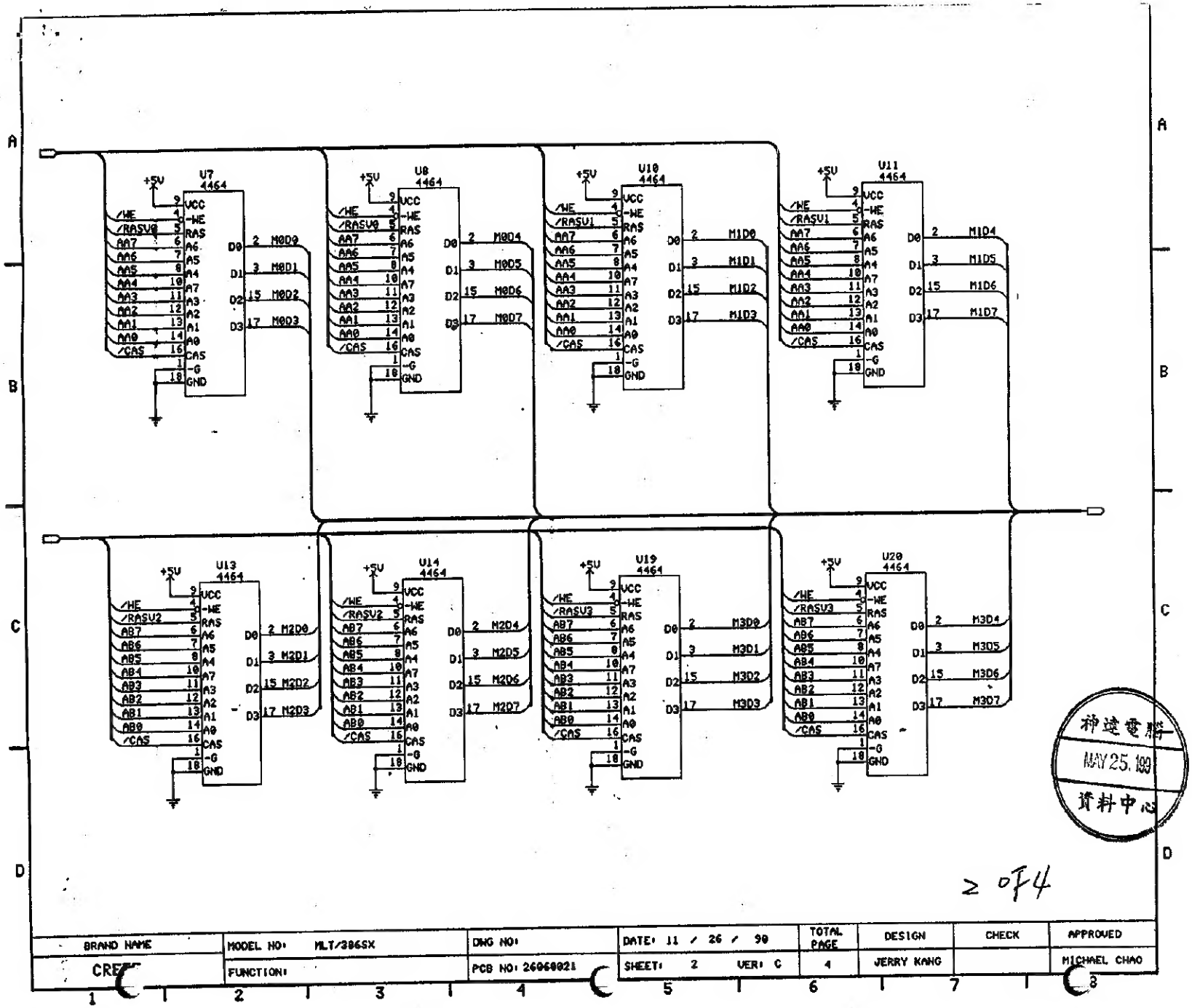
BRAND NAME	MODEL NO: MLT/386SX.	DWG NO:	DATE: 11 / 26 / 90	TOTAL PAGE	DESIGN	CHECK	APPROVED
CRETE	FUNCTION: M5105	PCB NO: 26060031	SHEET: 8 VER: C	10	JERRY KANG		MICHAEL CHAO



BRAND NAME	MODEL NO: MLT/386SX	DWG NO:	DATE: 11 / 26 / 90	TOTAL PAGE	DESIGN	CHECK	APPROVED
CRETE	FUNCTION: I/O SLOT	PCB NO: 26060031	SHEET: 9 VER: C	10	JERRY KANG		MICHAEL CHAO


U23
27C512_P
/MEMR
/LCSROM
C41
15PF
C42
15P
Y1
8MHZ
R70
2M
R69
10K
R28
300
R72
10K
7406
U20
RESETDRV
U17
8742P
/RESET
/CS8042
/IOR
SA2
/IOW
XD0-XD7
OPTBUFUL
HISPEED
A20G
/RC
KBDDATA
KBDCLK
BU1
BUZZER
74HC32
U16
SPKR
AUDIO
R67
1K
R7
22
C16
47P
U12
74F245
XD01R
DS1287
U14
real time clock
RTCAS
/RTCRD
/RTCWR
/IRQ8
神達電腦
MAY 25. 1991
資料中心
BRAND NAME
CRETE
MODEL NO: MLT/386SX
FUNCTION:
DWG NO:
PCB NO: 26060031
DATE: 11 / 26 / 90
SHEET: 10
VER: C
TOTAL PAGE
10
DESIGN
JERRY KANG
CHECK
APPROVED
MICHAEL CHAO

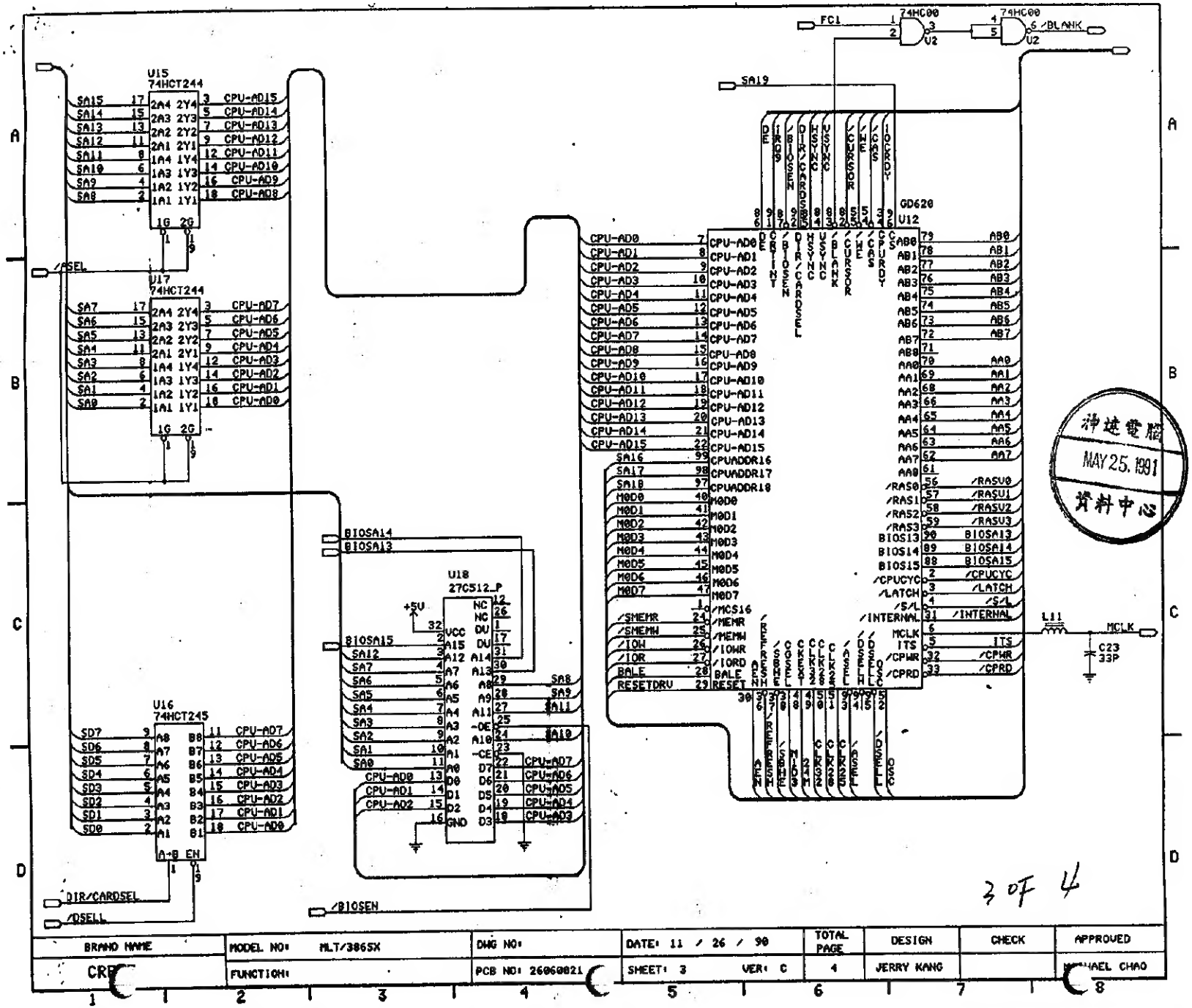

R7 1K
TR2 2SC1815
TL431 ZD1
TR1 2SC1815
R5 10K
FC1
VAA
C21 0.1U
C22 1U
L1
L2
L3
U1 BT475
RED
GREEN
BLUE
IREF
P0
P1
P2
P3
P4
P5
P6
P7
PCLK
D0
D1
D2
D3
D4
D5
D6
D7
/CPRD
/BLANK
/CPWR
/INTERNAL
SA1
SA0
SENSE
COMP
SETUP
OPA
RS2
RS1
RS0
OL0
OL1
OL2
OL3
GND
R2 75
R3 75
R4 75
C5 10U
C3 0.1U
C4 0.1U
C2 0.1U
C1 10U
ZD2 1.2V
R1 1K
U3 4464
/FRWE
/FRRAS
FR-A6
FR-A5
FR-A4
FR-A7
FR-AD3
FR-AD2
FR-AD1
FR-AD0
/FRCAS
/FROE
WE
RAS
A6
A5
A4
A7
A3
A2
A1
A0
CAS
-G
D0
D1
D2
D3
FR-AD0
FR-AD1
FR-AD2
FR-AD3
R25 15K
R17 15K
R18 15K
R12 15K
R24 15K
R16 15K
R20 15K
R11 15K
CPU-AD10
CPU-AD9
CPU-AD8
CPU-AD7
CPU-AD6
CPU-AD5
CPU-AD4
CPU-AD3
R9 1K
R8 10K
R21 10K
R22 10K
R23 10K
MS2
MS1
MS0
74HCT04
U9
MCLK
L7
C20 33P
R15 4.7K
R14 4.7K
R13 4.7K
CPU-AD2
CPU-AD1
CPU-AD0
GD610 U6
/USYNC
/LATCH
/FRWE
/FRRAS
/FRCAS
/FROE
MOD
LLCLK
VDCLK
/VSYNC
/HSYNC
/CURSOR
/BLANK
/SBHE
AEN
RESETDRU
BALE
/IOR
/IOWR
/IORD
/MEMR
MCLK
/SDLE
/SDHS
/SMEMR
M0D0
M0D1
M0D2
M0D3
M0D4
M0D5
M0D6
M0D7
M1D0
M1D1
M1D2
M1D3
M1D4
M1D5
M1D6
M1D7
M2D0
M2D1
M2D2
M2D3
M2D4
M2D5
M2D6
M2D7
M3D0
M3D1
M3D2
M3D3
M3D4
M3D5
M3D6
M3D7
LFS
R19 4.7K
R10 4.7K
U4 74HCT244
U5 74HCT244
P7
P6
P5
P4
P3
P2
P1
P0
UD3
UD2
UD1
UD0
HSYNC
VSYNC
BHSYNC
BUSYNC
MOD
LFS
UDCLK
LLCLK
START
XCLOCK
LD3
LD2
LD1
LD0
YCLOCK
/SELCRT
74HC00
U2
FC1
硬為4.7K,以提高VGA開机的穩定性.
P/N 5D 4116190 0002 REV:C
PWA:PWA-VGA B/D,30XD 1074
神通電腦
MAY 25, 199
資料中心
BRAND NAME
CRETE
MODEL NO: HLT/386SX
FUNCTION:
DWG NO:
PCB NO: 26060021
DATE: 11 / 26 / 90
SHEET: 1 VER: C
TOTAL PAGE
4
DESIGN
JERRY KANG
CHECK
APPROVED
MICHAEL CHAO

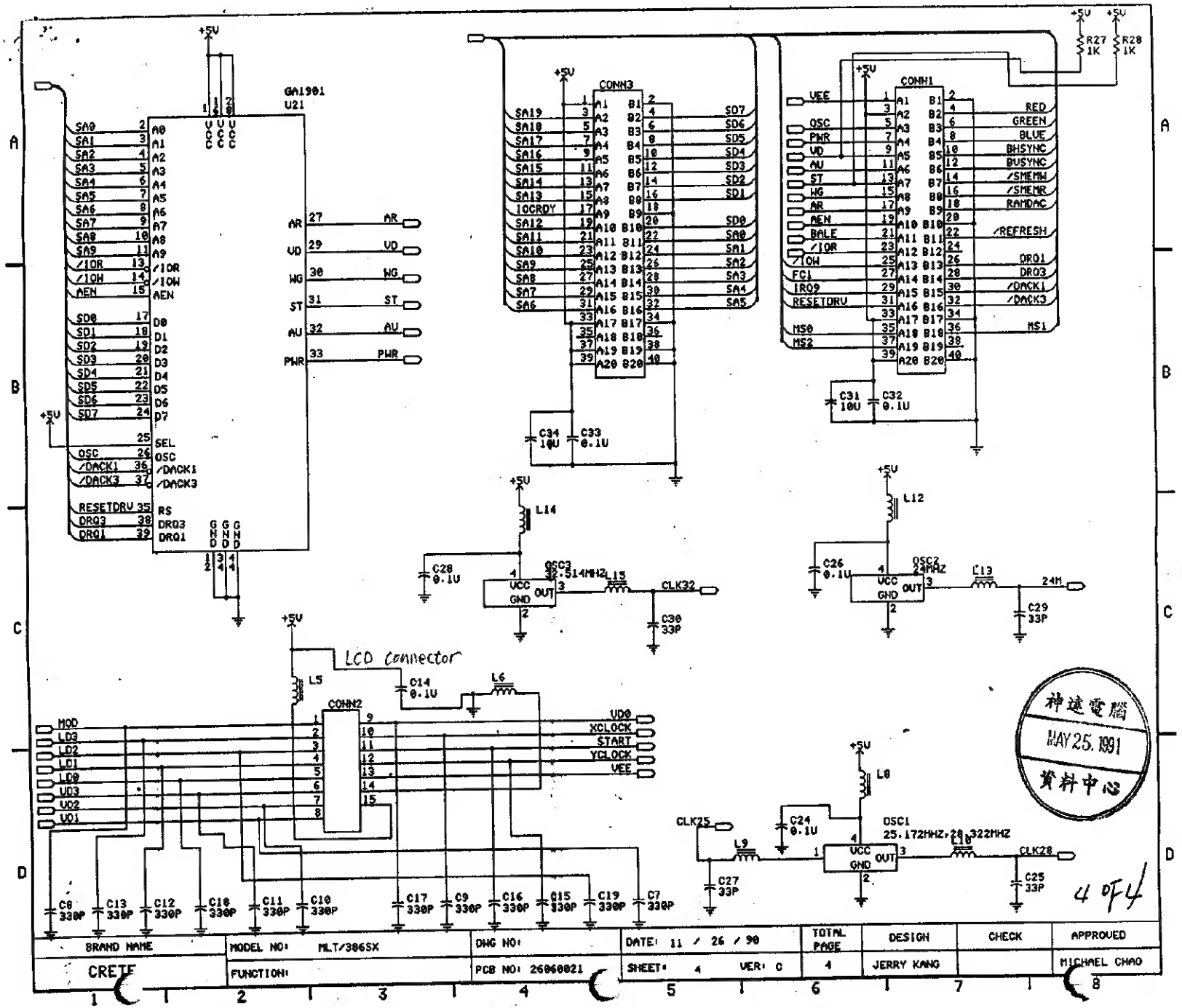


神通電腦
MAY 25. 199
資料中心

≥ of 4

BRAND NAME	MODEL NO: MLT/386SX	DWG NO:	DATE: 11 / 26 / 90	TOTAL PAGE	DESIGN	CHECK	APPROVED
CRE	FUNCTION:	PCB NO: 26068021	SHEET: 2 VER: C	4	JERRY KANG		MICHAEL CHAO


U15
74HCT244
U17
74HCT244
U16
74HCT245
U18
27C512_P
U12
GD620
74HC00
74HC00
/BLANK
/DSEL
DIR/CARDSEL
/BIOSEN
/BLANK
/CURSOR
/WE
/CAS
/CPURDY
/RAS0
/RAS1
/RAS2
/RAS3
/CPUCYC
/LATCH
/S/L
/INTERNAL
MCLK
ITS
/CPWR
/CPRD
L11
C23
33P
神通電腦
MAY 25. 1991
資料中心
3 OF 4
BRAND NAME
CRE
MODEL NO: MLT/386SX
FUNCTION:
DWG NO:
PCB NO: 26060021
DATE: 11 / 26 / 90
SHEET: 3
VER: C
TOTAL PAGE
4
DESIGN
JERRY KANG
CHECK
APPROVED



神速電腦
MAY 25. 1991
資料中心

3025D BOM TREE :

REV : 1.00
DATE : 12/05/00
BY : 劉 培 光